IN THE CLAIMS

Please amend the claims as indicated by the amended claim set below.

1.   (Original) A method of setting parameters of a real time packet-based connection over a communication network, comprising:

identifying, by a particular network element, a real-time packet based connection;

selecting, by the particular network element, a value for at least one end-point parameter of the identified connection; and

selecting, by the particular network element, a value for at least one network parameter of the identified connection.

2.   (Original) A method according to claim 1, wherein the selecting of the values of the end-point parameter and the network parameter is performed during setup of the connection.

3.   (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a negotiated parameter.

4.   (Original) A method according to claim 1, wherein the at least one end-point parameter comprises at least one non-negotiated parameter.

5.   (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a jitter buffer size.

6.   (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a frame size of transmitted packets on the connection.

7.   (Original) A method according to claim 1, wherein the at least one end-point parameter comprises a codec type.

8.   (Original) A method according to any claim 1, wherein the at least one network parameter comprises a global parameter.

9. (Original) A method according to claim 1, wherein the at least one network parameter comprises a route to be traversed by the packets of the connection.

10. (Original) A method according to claim 1, wherein the at least one network parameter comprises a header compression method to be applied to the packets of the connection.

11. (Original) A method according to claim 1, wherein the at least one network parameter comprises an MTU value of at least one routing unit of the network.

12. (Original) A method according to claim 1, comprising receiving by the particular network element a value of a quality of service QoS attribute of the network, and wherein the selecting of the network parameter and the end-point parameter is performed responsive to the value of the QoS attribute.

13-17. (Cancelled)

18. (Original) A method according to claim 1, wherein selecting the value for the at least one end-point parameter comprises selecting the value of the end-point parameter responsive to the selected value of the network parameter.

19. (Original) A method according to claim 1, wherein selecting the value of the network parameter is performed responsive to the selected value of the end-point parameter.

20. (Original) A method according to claim 1, wherein selecting the value for the at least one end-point parameter comprises selecting a codec responsive to a delay of a selected route for the connection, such that the total delay of the route in the codec is smaller than a predetermined value.

21-23. (Cancelled)

24. (Original) A method according to claim 1, wherein the particular network element selects parameter values for a plurality of different connections substantially concurrently.

25.   (Original) A method of setting parameters of a real time packet-based connection over a communication network, comprising:

collecting quality of service attribute values of the network, by one or more network elements;

selecting a value for at least one end-point parameter of the connection, responsive to the collected attribute values; and

selecting a value for at least one network parameter of the connection, responsive to the collected attribute values.

26.   (Original) A method according to claim 25, wherein the values of the at least one end-point parameter and the at least one network parameter are selected before either of the parameter values is implemented.

27.   (Original) A method of setting parameters of a real time packet-based connection over a communication network, comprising:

determining a value for at least one end-point parameter of the connection; and

selecting a value for at least one network parameter of the connection, responsive to the determined value of the at least one end-point parameter.

28.   (Original) A method according to claim 27, wherein the at least one network parameter is selected before the value of the end-point parameter is implemented.

29-45. (Cancelled)